



2021 Volume III, March 2021

CLUB OFFICERS 2021

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VIC KOENIG -	2020 - 2023
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President's Message

Hello Fellow RCER's

Spring has arrived and the field is starting to look good for another years flying thanks to our vice president Phil, new gravel on the driveway and new wire on the safety fence.

I'm glad to report I have seen several new pilots at the field this past month some of these are long time flyers who are now getting back into the hobby and that's good, so let's always make these RCER's feel welcome. I have also had two new students this month.

Don't forget our indoor event coming up April 10th at the Kingsport Civic Auditorium from 12 noon till 4pm. Hope to see you there.

Fly Safe and Fly Smooth. Thanks

Dave Jones

Fun Facts

Did you Know: The highest altitude remote-controlled (RC) model aircraft flight is 10,607 m (34,800 ft.), and was achieved by Paul Kaup, Jake Minker, Nick Ross, Eric Gordon, Rachel Stark, and Dani Deckert (all USA) in Truth or Consequences, New Mexico, USA, on 13 October 2019. This group was a part of StratoJourney, a STEM project for students in 6th through 12th grade. The attempt took place at Spaceport America in New Mexico, USA.

Editor

If you have any article, information or items for sale or trade you would like put into the Newsletter, please send your input either by e-mail (<u>rossgtenn@gmail.com</u>) or post to:

- Glenn Ross, 134 Chock Creek Road, Johnson City, TN 37601-3639 –

Please send input no later than the 19th of December if you would like it included in the January edition. Electronic input should be .jpegs and word documents (.doc or .docx).

THANKS!

Glenn Ross

Next Meeting

Tuesday, 27 April 2021, 6:45 PM at the Airfield, 120 Lancaster Road, Kingsport, TN.

Club Activities –

There were no official events in March. Our usual March Indoor Fly was moved to April for 2021. However, March proved to be the start in a break in the long stretches of rainy days that have plagued us through December, January and February. As a result, there have been at least a couple of days every week where someone has been at the field. That's meant a little bit of Flying and we finally got the road graded down close to level, some ruts and pot holes dealt with and repairs made to the Safety Fence.



No wind great sunshine with temperatures in the 50s. What's not to like?



Now that the clouds have rolled in, everybody has gone home, yeah for me!!!



Getting in some time before the rains and wind return



Don't the fences look purdy?? They have already been Corsair tested!!

Upcoming Activities

Fly Inside

12 Noon till 4 PM, 10 April 2021 at Kingsport Civic Auditorium

Work Day

Starts at 9:00 AM, 24 April, at Odom-Fennell Field.



Chill and Grill

Starting this year on the Fourth of May from 6 PM till Dusk, Join us for Chilling and Grilling.

Every Tuesday evening, all Summer long at Odom-Fennell Field we get together, grill some Burgers or Hot Dogs and have flying and fellowship. Join Us!!!

> We're there, Rain or Shine – unless there's lightening!!

Spring Fun Fly And Swap Meet

9 AM till 4 PM, 15 May 2021 at Odom-Fennell Field

Second Annual

East Tennessee SPA Event

9 AM till 4 PM, 10 and 11 July 2021 at Odom-Fennell Field

> Learn To Fly Event

10 AM till 4 PM, 24 July 2021 at Odom-Fennell Field This section provides a little information for new members.

First, a reminder:

All visitors are welcome to fly at the JCRC model airport but they MUST be a current AMA member and a JCRC member must be present while they are there or if they are not an AMA member the ONLY way they are allowed to fly is under the direct supervision of one of our certified Introductory Pilot (I.P.) instructors.

In this issue we'll also cover four more of the club Officer Positions. If you are really interested in what <u>all</u> the club officers, and Board Members for that matter, are supposed to be doing, I invite you to read the club bylaws. You can find a copy on the club web site, under the *current Bylaws* link:



THE OFFICERS:

Safety Officer. Our Safety Officer is charged with two major tasks, the development and dissemination of safety measures for our flying site(s) and the enforcement of the rules under which we fly. This means he makes sure we stay in line with the AMA's safety requirements and practices and determines if there are additional requirements beyond AMA that are needed where our club flies. He ensures the field rules we have published cover both those two requirements and that members are following those rules. He has the requirement and authority to not only bring violations to the notice of a flyer/member but to also counsel the member, issue a warning and if necessary prevent or suspend a member flying for an infraction. He manages the Field Marshal(s) who help him in ensuring we fly safely. Our Safety Officer is Terry Bailey.

Field Marshal(s). The Field Marshal assists the Safety officer in making sure we and our visitors fly safely. They play a special role in that they assist in conducting pre-flight inspections, when asked, greet visitors, provide spotter services and bolster

monitoring the flight lines during events and periods of congestion. There can be more than one Field Marshal. We currently have seven Marshals and for a listing, check the first page of this document.

Web Master. Our Web Master is responsible for building, maintaining and managing the content of our Web Site, <u>www.flyjcrc.com</u>. He is also responsible for our Social Media presence. He ensures our web site is properly hosted, our software platforms are licensed and certified and that the content on our sites is current and accurate. Our web master is Craig Quillen.

Event Coordinator. The event coordinator is responsible to make sure that any events undertaken by the club or at the field have been coordinated. It is his job to prevent event schedule conflicts and ensure they don't overly inhibit the membership's use of the field. He works with the other club officers, especially the President to determine what events the club wishes to conduct during the year and get them scheduled. He determines if there are other events that require use of the field that would restrict member use and validates if the events are approved. He is the first stop in resolving any schedule conflicts, with priority being given to club events. He produces a listing of all known events and dates then ensures the Web Master, News Letter Editor and the Club Officers are provided with the list for dissemination to the membership. The event Coordinator is also tasked to provide advice to Event Managers if needed and requested. Glenn Ross is the Event Coordinator.

General Information

Just a Reminder – Below is the schedule for events in 2021. Please note that we are missing an Event Manager for the Halloween Fun Fly and Swap Meet.

Event	Date	Event Manager	Location
	Club Sponsored		
First Fly	1 Jan 2021	Skip Weller	Air Field
Indoor First Fly	6 Feb 2021	Tim Edwards	KPT Auditorium
Indoor Second Fly	10 Apr 2021	Tim Edwards	KPT Auditorium
Spring Fun Fly	15 May 2021	Anthony Hall and Dave Jones	Air Field
Learn To Fly with JCRC	24 Jul 2021	Phil Swihart	Air Field
National Model Aviation Day	14 Aug 2021	Anthony Hall	Air Field
Halloween Fun Fly and Swap Meet	30 Oct 2021		Air Field
	Non Club Sponsored		
Second Annual East Tennessee SPA Competition	10 & 11 July 2021	Vic Koenig	Airfield
Senior Pattern Association Masters Tournament	9 & 10 Oct	Jerry Black	Air Field

JCRC 2021 Event Schedule

Please consider volunteering to manage the remaining event.

and Tips

This is the first in a series of flying improvement tips from our Flight Instruction Coordinator (Vic Koenig). Over the next few issues, Vic will provide a couple of tips that, when mastered, will improve your flying and hopefully, make you want to come fly more often.

If you want to fly better or maybe you are interested in or practicing for pattern flying, try this:

Furn into a landing approach to the runway. Then instead of landing, fly parallel to the runway, trying to keep a steady, constant elevation above the runway for the entire length of the runway (keep the same heading down the runway, ie: don't come closer to, or go out from your starting heading.).

This may sound simple, but you will be surprised how difficult maintaining a constant altitude can be. Mastering this will make you a better, more confident pilot.

Once you can consistently fly at elevation, start on this maneuver:

Again, turn into a landing approach to the runmay. Fly parallel to the runmay, keeping a steady, constant elevation above the runmay and the same heading down the runmay. Halfmay down the runmay execute a loop (pull back on the elevator, using power to move through to the top of the loop and easing off on the descent). Come out of the loop back to horizontal flight at the same point and altitude you started the loop, and then continue on down the remainder of the runmay.

Good Luck and next month, two more tips. Remember, fly three mistakes high!!

Member News –

Here's a little news from Mike Harrison, who, it seems has been putting the winter season and enforced "Social Distance" to really good use. Mike writes:

"This is a project I have been working on.

It is a SIG J-3 Cub, 1/5 scale. Wing Span = 84.5'' Length= 55.25'' Weight= 8.9 pounds Engine= OS 40

The kit is laser cut. The parts fit was very good. The instruction manual is good. Assembly of the airframe was enjoyable. I added the interior which includes a floor, 2 seats, and control sticks. The floor hides all the wires as the servos are located behind the cockpit. The receiver is hiding under the front seat. It is going to be on the heavy side due to the covering, landing gear and balance requirements. The covering will be/ is Oratex. It is heavier than film coverings like Monokote. The landing gear is a scale welded tube assembly from Robart. This added some additional weight.



Once I complete the airplane I will send a couple of pictures. However it is a yellow J-3 Cub.

What else is there to say? "

AMA Update –

The following extract is from the AMA government Blog post on Frequently Asked Questions (FAQS) concerning the new Knowledge Test for Recreational Flyers that the FAA will be rolling out this year:

The Recreational UAS Safety Test (TRUST) FAQ

On February 22, 2021, the FAA released information regarding the next step of implementation of the Recreational Knowledge and Safety Test. This step includes the application process for organizations interested in serving as test administrators for The Recreational UAS Safety Test (TRUST). See below for FAQs regarding the test:



Q: What is "TRUST"? A: "TRUST" stands for The Recreational UAS Safety Test

Q: Why do I need to take TRUST?

A: The Knowledge and Safety Test is a congressional mandate in the FAA Reauthorization Act of 2018. All UAS users must pass the test in order to operate a recreational model aircraft (UAS) within the National Airspace System (NAS).

Q: I have a Part 107 Certificate; do I also need to complete TRUST? A: Yes. There are no exemptions from taking the test, including for currently certificated pilots. Anyone flying recreational UAS is required to complete the test.

Q: Are youth under the age of 18 required to complete TRUST? A: Yes. There are no exemptions from taking the test, including for minors. Youth can get assistance from an adult, if needed.

Q: How often do I need to take the test?

A: At this time, recreational operators only need to take the test once to comply.

Q: What will be on TRUST?

A: The test will have approximately 25 multiple-choice questions about basic safety guidelines and recreational flying knowledge that most AMA members likely already know. Early indications are that this test will be fail-proof and every recreational user will be able to complete and pass the test.

Q: Does TRUST cost anything?

A: No. Test administrators are prohibited from charging a fee, either directly or indirectly, to individuals taking the test.

Q: How will I know that I have passed TRUST and am able to fly my UAS?

A: Once you complete and pass the test, your test administrator will provide you with a TRUST completion certificate that you can either print or save electronically. This certificate is proof of your compliance with the Reauthorization Act of 2018 and your passage of the test.

Q: Will TRUST affect my AMA membership benefits?

A: Proof of test completion will not be a requirement for AMA membership. However, each member affirms that they will follow AMA's safety code, including applicable laws and regulations, when he or she signs up to be a member.

Q: When will recreational users be required to take the test?

A: The FAA has not yet released dates regarding when the test will be available to users, <u>but members should expect the testing requirement to be in place sometime in the second half of 2021*</u>.

If you have any additional questions, contact the Government Affairs team at (765) 287-1256 or visit amagov@modelaircraft.org.

To remain current with the most recent government-related news, regularly visit the AMA's Government Affairs blog.

* Underline added for emphasis

Sponsors

Hobby Town USA

Located at 3515 Bristol Highway in Johnson City, Hobby Town offers a full range of hobby needs, from model rail roading, to automotive modeling and aviation modeling. A strong sponsor of JCRC, they offer JCRC club members a 10% discount. Phone: (423) 610-1010.

